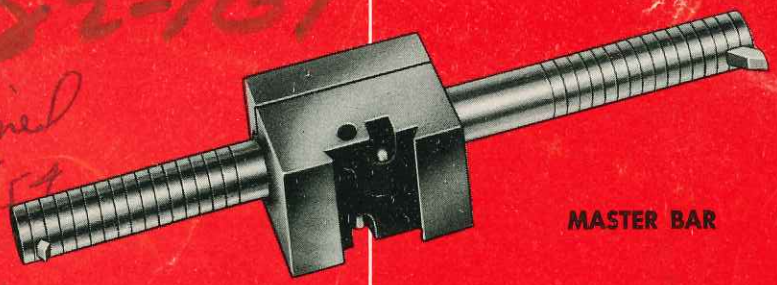
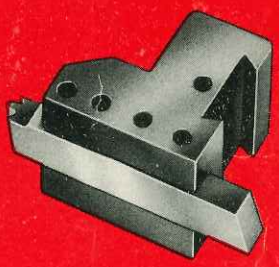
82/161
82-161
Received
4/30/54



MASTER BAR

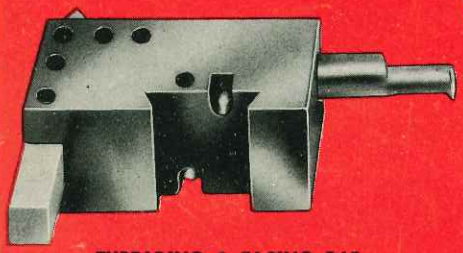


EXTENSION TURNING BAR

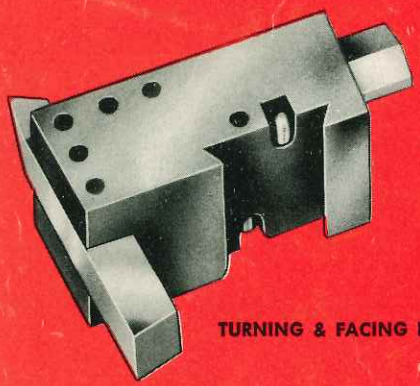
the KDK

VERSATILE TOOL HOLDER

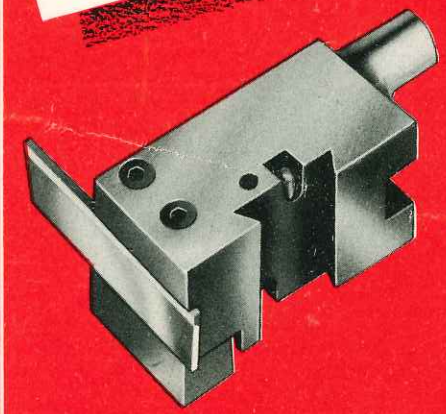
PROVEN TO BE FAR ADVANCED OVER OTHER TYPE HOLDERS



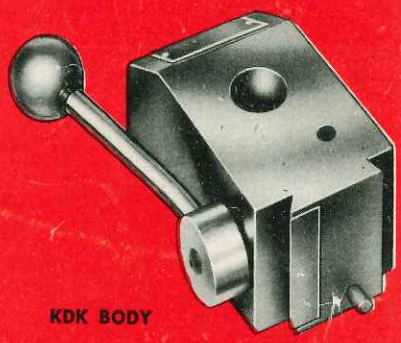
THREADING & FACING BAR



TURNING & FACING BAR



PARTING BAR COMBINATION



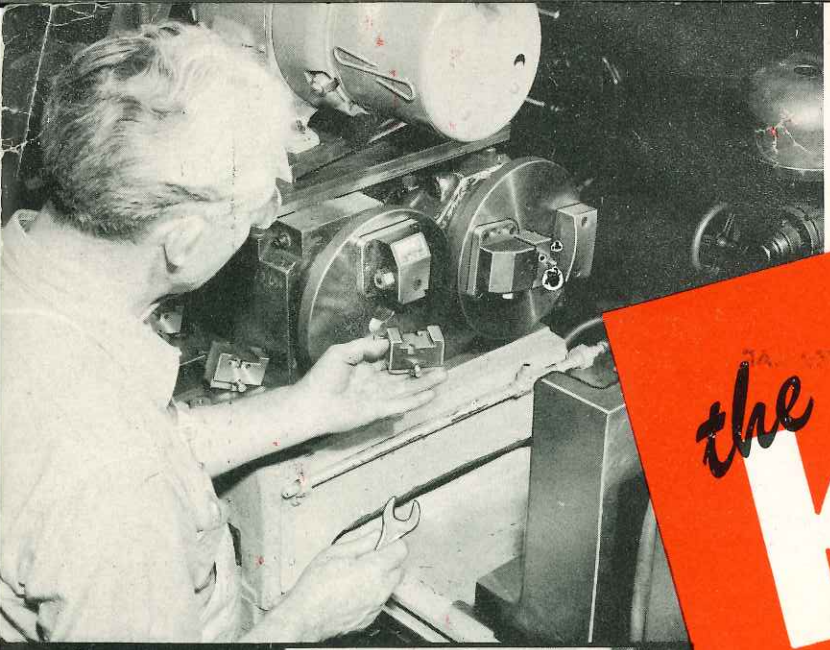
KDK BODY

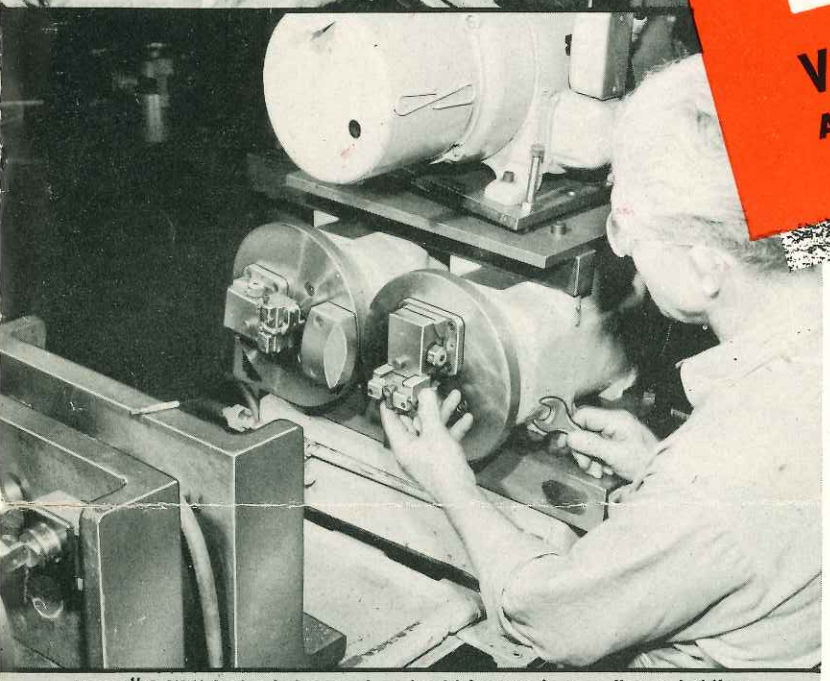
82/161

KDK PRODUCTS

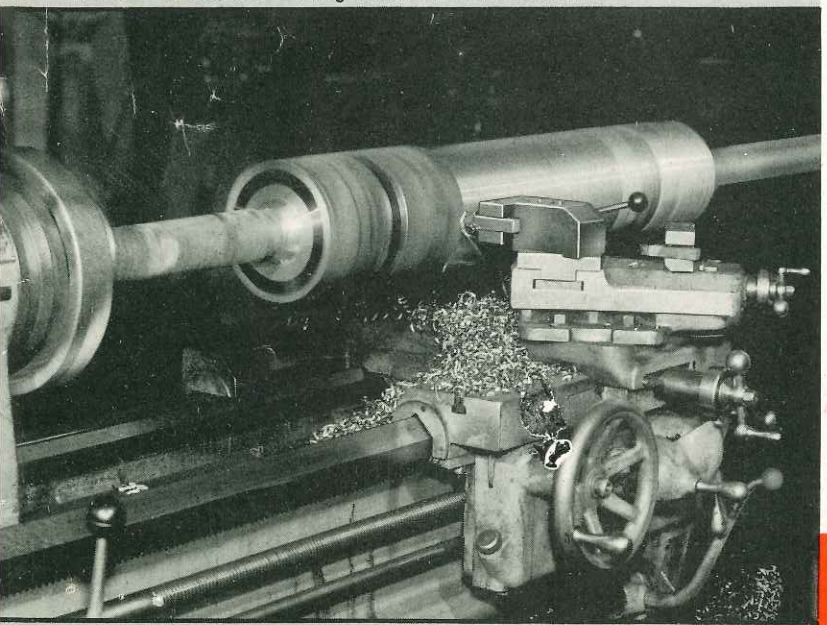
Manufactured by L. W. (JACK) KUHN

10601 OTIS STREET • LORAIN 6-4754 • SOUTH GATE, CALIFORNIA





Four #0 KDK Bodys being used on heald borematic as a fixture holding parachute buckle. Male tapers being turned on this head then transferred to right head where female taper is bored — these are turned at 3400 RPM Holding .0003 tolerance concentric.



No. 200 KDK showing special lock down plate customer made. This plate is recessed for holder with 'T' on bottom to fit into compound slot.

the KDK

VERSATILE TOOL HOLDER AND ACCESSORIES IN OPERATION

A TIME SAVER

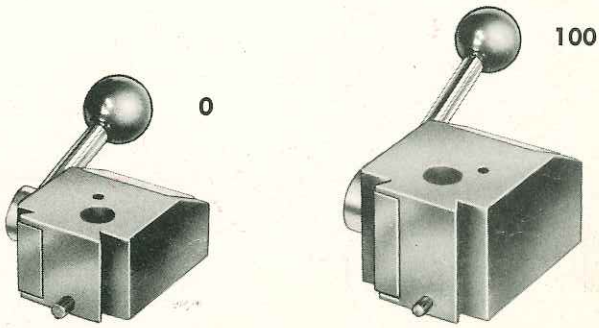
A time saver on NON-PRODUCTION as well as PRODUCTION JOBS. Gives unlimited operations on set-up. Five bars will do most any job given to operator, as they will hold nine tools with 24 combinations thereby saving set-up time.

There is enough adjustment on screw so you can use tool bits upside down. The quick change of bars has increased production as high as 400% over other type holders.

The rigidity of the K.D.K. Versatile Holder will increase the life of your carboloy tools. One turn of carriage or cross feed dial will permit changing of tools, thereby saving time on every change, over previous tool holders.

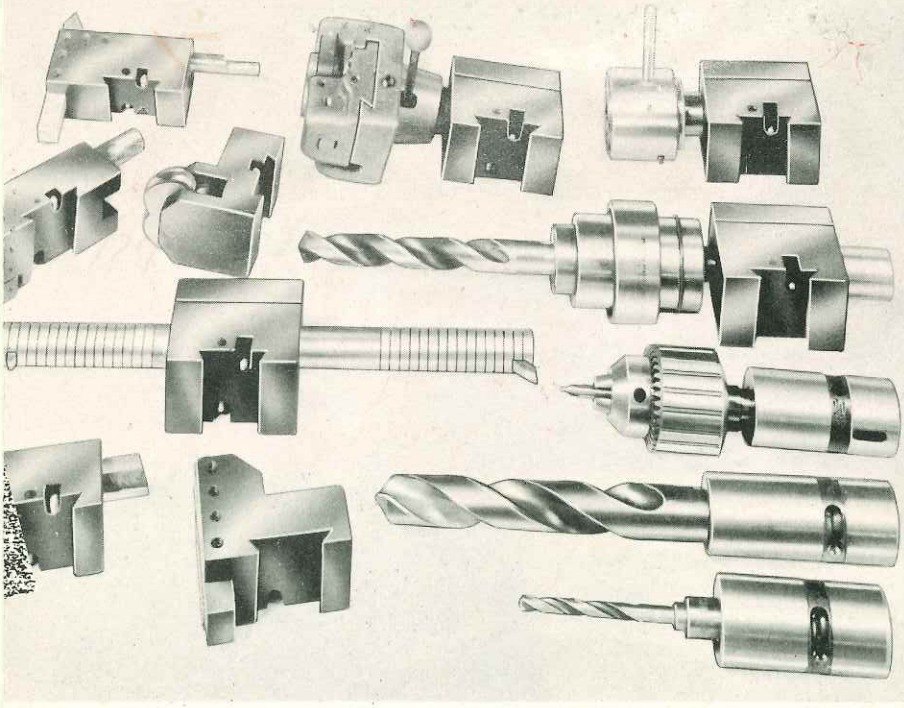
Cam Lock — Positive repeat of tool setting. Handle is broached for different position on cam. Holder and Bars are made of steel — hardened and ground.

Front view of KDK's showing dove tail — dowel pin stop for a shoe which locks the bars securely to holder repeating to .0000



KDK PRODUCTS

10601 OTIS STREET • LORAIN



Standard set of bars with Box Tool Die head and Quick change chuck with adaptors being used in the Master Bar.

Bars are easy to place on dove tail from top, with adjusting screw for centering tools, eliminating shims under tool bits. All tools are treated with Du-Lite Process to retart rusting.

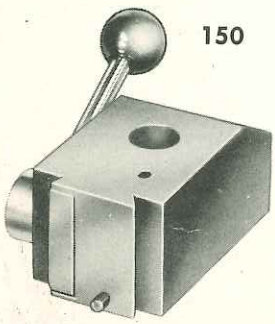
Any Lathe operating eight hours or more CAN NOT afford to be without a K.D.K.—Master Bars for boring CAN BE USED to attach Box Tools — Collapsible Tap — Floating Tap and Reamer Holders — Quick Change Chuck — for Center Drill — Drills — C Bore — Reamers — Taps — Etc.

Let the compound do the work — eliminating the tail stock use and this is less strain and fatigue on operator. Let us prove to you that what we state is correct.

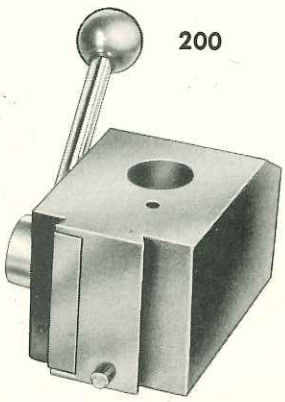
ALL TOOLS ARE GUARANTEED

djusting center height and moveable reading.

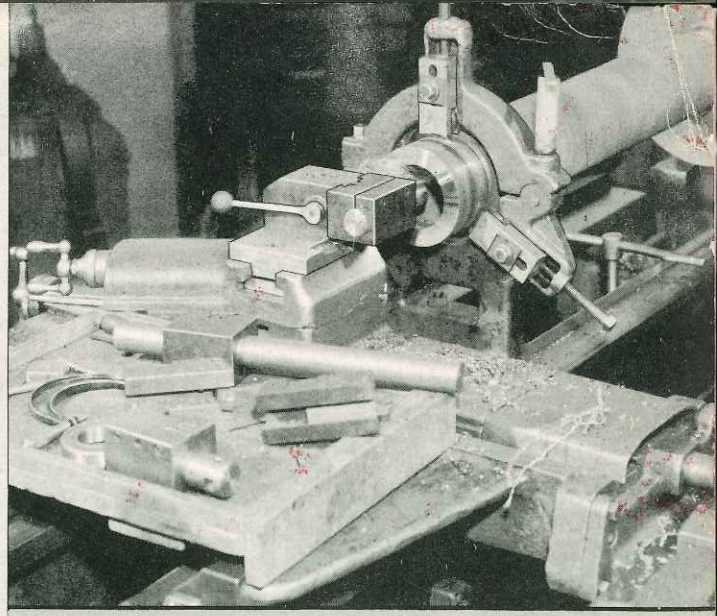
150



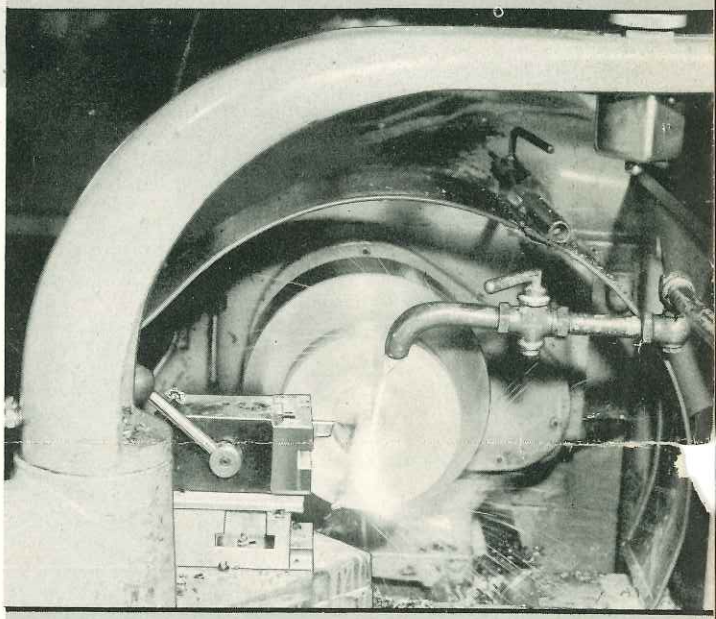
200



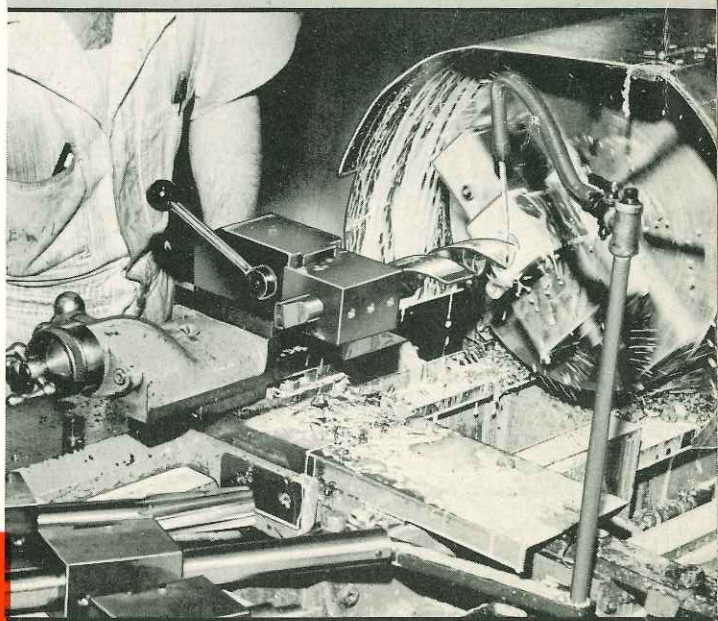
lanufactured by L. W. (JACK) KUHN
6-4754 • SOUTH GATE, CALIFORNIA



Special plate made to extend KDK Holder out over the edge of compound — so operator can get past the gap and closer to chuck—also long short boring bars being used on this job.

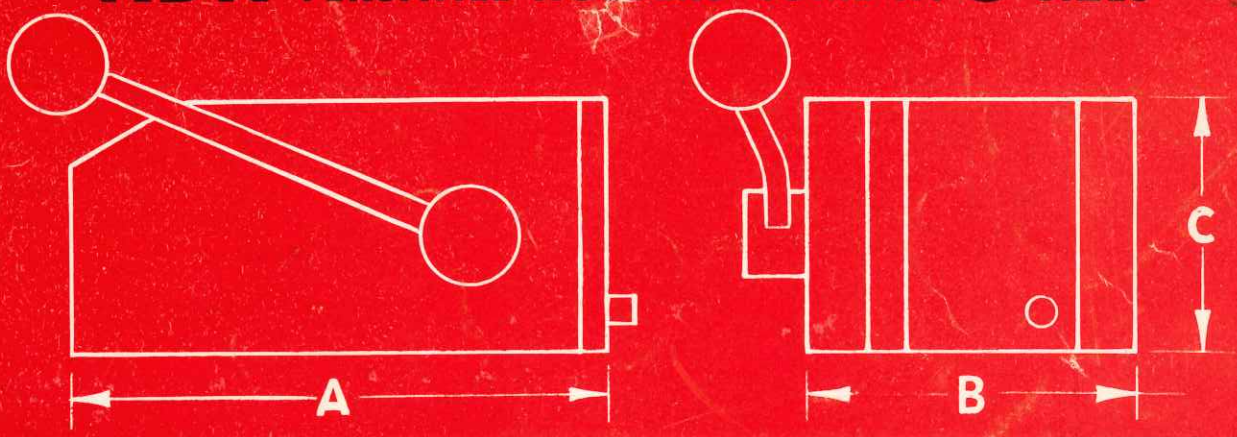


No. 200 KDK being used on Monarch Duplicating lathe this is the same Company that has the 4 #0 on Heald Boremetic.



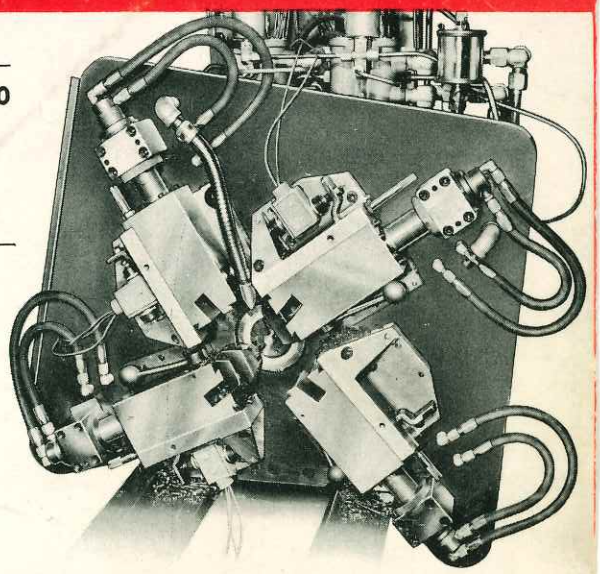
No. 200 KDK on lathe and #150 on chuck for fixture holding the Master bar which is being Center drilled — Drilled Bored and Reamed to correct size.

KDK VERSATILE HOLDERS COME IN 5 SIZES



	No. 0	No. 100	No. 150	No. 200	No. 300
A	3"	3 1/2"	4 1/2"	5"	7"
B	2 1/8"	2 1/2"	2 1/2"	2 7/8"	5"
C	1 5/8"	2"	2"	3"	4"
Lock Down Bolt	7/16"	7/16"	5/8"	3/4"	1"

Send us the size of lathe and dimension from compound to center.
One 3/16 to 1-1/8 Ground Plate Furnished to Put Holder on Correct Center Height.
A Time and Material Charge will be made on Special Riser Plates.



Four Special K.D.K. with hydraulic built into Holders for Polly Products. Special Automatic Single Spindle Machine.

SOME USERS OF KDK TOOLS

ADVANCE GEAR & MACH.
AERO JET
AIRCRAFT PROCESS
AIRESEARCH MFG. CO.
AIR PRODUCTS CO.
ALLIED AIR PARTS
ALUMINUM CO. OF AMERICA
ANCHOR MOLD
AVRON CORP.
AXELSON MFG. CO.
BENDIX AVIATION
BECKMAN INSTRUMENT
BEVEL COMPANY, THE
BOEING AIRPLANE CO.
BROWN & BROWN MACHINE CO.
BRUCE ENGINEERING CO.
BURG TOOL & MFG. CO.
CAMPBELL MFG. CO.
CHICKSAN OIL TOOL CO.
CONVAIR (SAN DIEGO)
COMET MACHINE TOOL
CONSOLIDATED AIRCRAFT PRODUCTS
CONVAIR (POMONA)
CONZE MACH. WORKS
D & E MACHINE CO.
DANA MFG. COMPANY
DAY & NIGHT (Aircraft Division.)
DIE CAST PRODUCTS
DOUGLAS AIRCRAFT CO.
DOWNEY MACHINE
EDCLIF INSTRUMENT
ENGINEERING FINANCE CORP.
EVENS, ALFRED E. CO.
EXPRODEL
JOSEPH FLETCHER (JOBBER)
FOX JOEL INC.
FRADELLA TOOL
G.M.C. TOOL & DIE
GENERAL MOTORS
GENERAL VALVE SERVICE CO.
GEOPHYSICAL RESEARCH CORP.
GIVENS MACHINERY
GRANT OIL TOOL COMPANY
H. & W. TOOL & DIE
HAMPTON ENGINEERING CO.
HALIBRAND ENGINEERING CO.
HANCOCK OIL CO.
HARTMAN TOOL COMPANY
HOWARD MACHINE CO.
HUGHES AIRCRAFT CO.
HYDRAULIC UNITS INC.
INSTRUMENT DEVELOPMENT CO.
INTERSTATE ENGINEERING CO.
JOHNSON, WALTER, MACHINE WORKS
KAUFFMAN MACHINE PROD.
KELLY PIPE CO.
KERATES MFG. (PITTSBURGH, PA.)
KENNECOTT COPPER CORP.
KIGHT, GEO.
KING SALES & SERVICE
KLENCH, CARL
KWIKSET LOCKS INC.
L & S MACHINE CO.
LANGHAM, W. M. CO. INC.
LOCKHEED AIRCRAFT CO.
LOVEQUIST ENGINEERING CO.
MALBERT GAGE GRINDING CO.
MILLER ENGINEERING CO.
MILLER ROBINSON CO.
MUFF, NICK
NATIONAL MACHINE CO.
NEWCOMB, CHAS.
NEAL'S DIE SHOP
NORTH AMERICAN AVIATION
PACIFIC GAGE CO.
PACIFIC VALVE CO.
PALMER, GEO. & ASSOCIATES
PARKS, ROY
PEERLESS PUMP CO.
PIKE TOOL COMPANY
PRECISION TOOL & MFG.
PRINTING EQUIPMENT MFG.
Q & E ENGINEERING
RAYTHEON MFG. CO. INC.
REGENT, JACK MFG. CO.
RHODES & LEWIS
S. & S. MACHINE SHOP
SCHRILLO TOOL
SCHULZ TOOL & MFG. CO.
SIGNAL HILL MACHINE CO.
STANDARD COIL PRODUCTS
STONE MANUFACTURING CO.
TECHNICAL PRODUCTS MACH. SHOP
WEMACK COMPANY
WILLIAMS METAL PRODUCTS
WILSON, RED
W. R. WHITTAKER CO.
U.S. ARMY AIR BASE
U.S. NAVY

Sold by